

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this application.

LISTING OF CLAIMS:

1. Withdrawn
2. Withdrawn
- 3-6. Canceled
- 7-18. Withdrawn
19. (Currently Amended) An isolated DNA molecule comprising a nucleotide sequence encoding ~~an~~ the amino acid sequence of SEQ ID NO:1, wherein expression of ~~the~~ said nucleotide sequence encoding said amino acid sequence of SEQ ID NO:1 in a transgenic plant is induced by osmotic stress and renders ~~a~~ said transgenic plant resistant to said osmotic stress.
20. (Currently Amended) An isolated DNA molecule comprising the nucleotide sequence of SEQ ID NO:2.

21-22. Canceled

23. (Previously Presented) An isolated DNA molecule consisting of nucleotides 1 to 1210 of SEQ ID NO:3.

24. (Currently Amended) An isolated DNA molecule comprising a nucleotide sequence selected from the following:

(a) ~~an isolated nucleotide sequence,~~ nucleotides 1 to 1210 of SEQ ID NO:3 of Claim

23, wherein no more than 5 of said nucleotides have been added to, deleted

from, or substituted, further wherein said additions, deletions, or

substitutions do not occur between nucleotides 132 and 155, inclusive, of

said SEQ ID NO:3 and further wherein expression of said nucleotide

sequence in a transgenic plant is induced by osmotic stress and renders said

transgenic plant resistant to said osmotic stress in the isolated nucleotide

sequence of claim 23, and wherein expression of said nucleotide sequence is

induced by osmotic stress and renders a transgenic plant resistant to said

osmotic stress, or

(b) an isolated nucleotide sequence exhibiting at least 80% sequence homology with

the isolated nucleotide sequence of claim 23 nucleotides 1 to 1210 of SEQ ID

NO:3 of Claim 23, and wherein expression of said nucleotide sequence in a

transgenic plant (b) is induced by osmotic stress and renders a said

transgenic plant resistance resistant to said osmotic stress.

25. (Currently Amended) An isolated DNA molecule comprising a nucleotide sequence that hybridizes with the ~~isolated~~ nucleotide sequence of ~~claim~~ Claim 23 ~~under stringent conditions at temperatures ranging from 42°C to 65°C in a solution containing 0.1 to 2 x SSC~~ for a time period ranging from 1 hour to overnight, and wherein expression of said nucleotide sequence in a transgenic plant is induced by osmotic stress and renders a said transgenic plant resistant to said osmotic stress.